Objective: Design and Construction of Immersed Tunnels.

Tentative Programme

Day 1

Session 1: Overview and Introduction
09.00 – 09.30: Welcome and Opening: ITA and concerned country representatives
09.30 – 10.30: Overview of Immersed tunnels
10.30 – 11.00: Coffee Break
11.00 – 11.45: Owner’s Perspective
11.45 – 12.30: Types of Immersed Tunnel
12.30 – 14.00: Lunch

Session 2: Sizing and Designing the Structure
14.00 – 14.45: Determining Internal Space Requirements
14.45 – 15.30: Utilities, Drainage, Ventilation, Fires and Protection against Fires
15.30 – 16.00: Coffee Break
16.00 – 16.45: Alignment and Extent of Immersed Tunnel
16.45 – 17.30: Structural Design and Analysis
17.30 – 18.00: Questions and Answers

Day 2

Session 3: Construction, Afloat and Geotechnical
09.00 – 09.45: Construction Sequence, Joints and Early Age Crack Control
09.45 – 10.30: Launching, Towing and Outfitting
10.30 – 11.00: Coffee break
11.00 – 11.45: Geotechnical Issues, Islands, Ground Improvement and Dredging
11.45 – 12.30: Foundation, Backfill, Protection and End Connections to the Surface
12.30 – 14.00: Lunch

Session 4: Final Operations, Risk and the Future
14.00 – 14.45: Element Immersion, Joining and Temporary Support
14.45 – 15.30: Completing the Interior and Foundation, Operation and Maintenance
15.30 – 16.00: Coffee Break
16.00 – 16.45: Submerged Floating Tunnels
16.45 – 17.30: Safety and Managing Project Risk
17.30 – 18.15: Submerged Floating Tunnels possible development
18.15 – 18.30: Closing Remarks